

Amendments and listing of claims:

1. (Cancelled)
2. (Currently Amended) A laminate comprising:
an ionomer layer and
a tie-layer comprising a (co)extrudable tie resin (CTR), wherein the CTR comprises consists essentially of a copolymer of one or more C₂-C₁₀ α-olefins and one or more ethylenically copolymerizable amine-containing monomers, the copolymer having amine groups that may be represented by the general formula:



where each R is independently H or a C₁ to C₁₀ hydrocarbon and R' is a bond or a C₁ to C₁₀ hydrocarbon.

3. (Original) The laminate of claim 2, wherein R is H and R' is a bond.
4. (Original) The laminate of claim 2, wherein the C₂-C₁₀ α-olefins are ethylene and/or propylene.
- 5-14. (Cancelled)
- 15-39. (Cancelled)
40. (Previously Presented) The laminate of claim 2, wherein the ionomer layer comprises a first ionomer layer and a second ionomer layer.
41. (Previously Presented) The laminate of claim 40, wherein the first ionomer layer or the second ionomer layer is pigmented, natural, or clear.

42. (Previously Presented) The laminate of claim 2, further comprising a backing layer.

43. (Cancelled)

44. (Currently Amended) A composite comprising:
an ionomer layer;
a tie-layer comprising a (co) extrudable tie resin (CTR); and
a substrate, wherein the CTR ~~comprises~~ consists essentially of a copolymer of one or more C₂-C₁₀ α -olefins and one or more ethylenically copolymerizable amine-containing monomers, the copolymer having amine groups that may be represented by the general formula:



where each R is independently H or a C₁ to C₁₀ hydrocarbon and R' is a bond or a C₁ to C₁₀ hydrocarbon.

45. (Original) The composite of claim 44, wherein R is H and R' is a bond.

46. (Original) The composite of claim 44, wherein the C₂-C₁₀ α -olefins are ethylene and/or propylene.

47-56. (Cancelled)

57-81. (Cancelled)

82. (Previously Presented) The composite of claim 44, wherein the ionomer layer comprises a first ionomer layer and a second ionomer layer.

83. (Original) The composite of claim 82, wherein the first ionomer layer or the second ionomer layer is pigmented, natural, or clear.
84. (Previously Presented) The composite of claim 44, wherein the ionomer layer comprises a zinc-neutralized ionomer or a sodium-neutralized ionomer.
85. (Currently Amended) The composite of claim 44-47, further comprising a backing layer.
86. (Previously Presented) The composite of claim 44, wherein the thickness of the composite article is from 200 µm to 6 mm.
87. (Previously Presented) The composite of claim 44, wherein the substrate material is selected from EPDM (ethylene-propylene-diene monomer), EP (ethylene-propylene rubber), acrylonitrile-butadiene-styrene terpolymer, acetal polymer, acrylic polymers, cellulastics, fluoroplastics, nylon and other polyamides, polyamide-imide, polycarbonate, polyester, polyetheretherketone, polyetherimide, polyethylene, polyimide, polyphenylene, polyphenylene sulfide, plastomer, polypropylene, polypropylene impact copolymers, polystyrene, polysulfone, polyurethane, polyvinyl chloride, and foams of such materials, as well as blends of these materials.
88. (Previously Presented) The composite of claim 44, wherein the substrate is a polyolefin selected from polyethylene polymers, polyethylene copolymers, polypropylene polymers, polypropylene copolymers, polypropylene impact copolymer and a blend of polypropylene impact copolymer and ethylene plastomer, and mixtures thereof.

89-170. (Cancelled)

171. (Previously Presented) The composite article of claim 44, wherein the laminate is thermoformed.

172. (Currently Amended) A composite article formed by the method comprising:

- (a) providing a laminate comprising an ionomer layer and a tie-layer comprising a (co)extrudable tie resin (CTR);
- (b) forming a shape from the laminate, resulting in a shaped laminate; and
- (c) securing a substrate material to the shaped laminate, wherein the CTR ~~comprises~~ consists essentially of a copolymer of one or more C₂-C₁₀ α-olefins and one or more ethylenically copolymerizable amine-containing monomers, the copolymer having amine groups that may be represented by the general formula:



where each R is independently H or a C₁ to C₁₀ hydrocarbon and R' is a bond or a C₁ to C₁₀ hydrocarbon.

173. (Original) The composite article of claim 172, wherein R is H and R' is a bond.

174. (Original) The composite article of claim 172, wherein the C₂-C₁₀ α-olefins are ethylene and/or propylene.

175-184. (Cancelled)

185-208. (Cancelled)